

SYSTEM AND METHOD FOR MANAGING POWER CONSUMPTION IN A COMPUTER
SYSTEM HAVING A REDUNDANT POWER SUPPLY

ABSTRACT OF THE DISCLOSURE

- 5 When a power supply of a redundant power supply array fails or is removed from the computer system, the operating speed of the processor is modulated or throttled, thereby reducing the rate of power consumption by the processor. Each power supply in the array is rated to a power delivery capacity that is less than the maximum power draw of the computer system.